

by placing the display cursor on the plot location as desired. Data are presented at 15-minute intervals as available and are 15-minute averages for the variable of interest, with time indicated in 24-hour format.

The *Table Format* link at the top of the page gives access to data in tabular form. In the table, wind speed, and standard deviation of wind speed, are expressed in miles per hour; azimuth is listed in degrees; and relative humidity is stated in percent. All other data are given in metric units, *i.e.*, temperature in Centigrade (Celsius) degrees and solar radiation in watts per square meter.

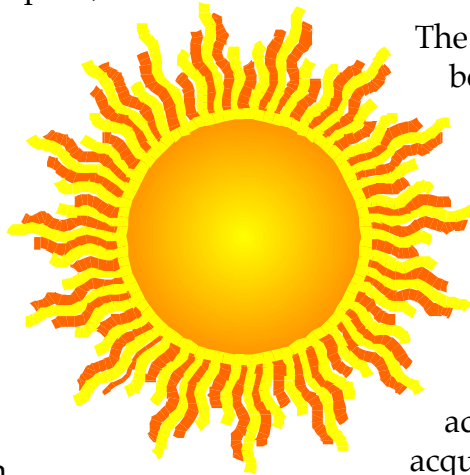
In the table near the bottom of the page, year-to-date totals for precipitation and for growing (GDD), cooling (CDD), and heating (HDD) degree-days are given. GDD are calculated by the modified sine wave method. The *Modified Sine Wave Calculation* link accesses details on tabulated and calculated data and a further link describing the modified sine wave calculation.

The link *Phenology Calendar* accesses the web site, *Growing Degree Days and Phenology for Ohio* that lists phenology data on blooming, hatching, or emergence for a wide selection of plants and pests, as compiled by Dr. Dan Herms. The link *Detailed Summary* accesses daily data for precipitation (rain or snow on a liquid basis), GDD, and average air temperature beginning January 1 of the year as chosen by the user.

The link at the bottom of the page allows the user to access available data for a

selected date. Data for the complete day are presented in the usual form, except that an additional summary table is included, with included numbers identified in table headings. Additional data on soil temperatures at 2-, 4- and 8-inch depths are tabulated for the Madison station only.

The NRCS SCAN Network



The SCAN accessing system being installed as an adjunct to the Madison station is not available online as of this report. When activated, the system will provide soil moisture and temperature data as mentioned earlier, in addition to all other data acquired at the site. However, interested readers can access the SCAN network at:

<http://www.wcc.nrcs.usda.gov/scan/>

There are SCAN sites in more than 30 states and Puerto Rico.

Leaf Wetness Charts

The OSU Extension, Lake County office, has established a web site for leaf wetness charts based on data from the Madison CM-6 site at:

<http://lake.osu.edu/hort/pg1.htm>

Links are listed at this page for individual archived charts as available for the period May 3 through September 7, 2003. Each chart contains overlaid, color-coded plots for the full day of wetness data from two sensors, rainfall, temperature, and relative humidity, with a legend identifying each plot. Rainfall data appear as pulses, each

pulse indicating 0.01 inches of rainfall. Commentary appears on each chart to aid the user with interpretation.

Network Information

For more information, users may contact any of the authors.

Reference

Brazee, R. D., R. C. Derksen, C. R. Krause, K. A. Williams, D. Lohnes, M. G. Klein, M. Reding, R. Lyons, W. Hendricks, R. Zondag, R. D. Fox, and D. Herms. January 2003. The USDA/Agricultural Research Service Research Weather Network in Lake County, Ohio — 2002 Update. *Ornamental Plants, Annual Reports and Research Reviews, 2002*. The Ohio State University/Ohio Agricultural Research and Development Center, Special Circular 189: pp. 145-148.

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